

error determining the soil units for MUKEY...

Posted by karrez - 2010/02/13 17:13

i couldn't find this issue addressed in any other posts. I am using SSURGO soils by the way. During the Land Cover and Soils parameterization step, i have repeatedly recieved this error message-"There was an error determining the soil units for the MUKEY '1382819' (for example). so i change the problem soil MUKEYs to numbers corresponding to identical soils in other counties, all other attributes being same. I joined the component table from the database with my shapefile to help facilitate this process, it occurred to me though, that the problem MUKEYSs ARE listed in the component table. so why am i getting this message and how do i get around it? i can continue to do what i've been doing, but i have over 90,000 polygons in my study area which means probably several thousand different MUKEYSs represented so its likely i would be changing MUKEYs for a while before i get them all to work! ideas? input?

I've attached a shot of the error message.

kary http://www.tucson.ars.ag.gov/agwa/images/fbfiles/images/soilerror_1382819.JPG

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Re:error determining the soil units for MUKEY...

Posted by nljessee - 2010/02/15 18:19

I am getting the same error, have you check the look-up table file that exists in the soil GDB, mine is blank, which may be the problem

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Re:error determining the soil units for MUKEY...

Posted by nljessee - 2010/02/15 20:18

Also, is the database you are using a SSURGO or STATSGO database, I can't seem to find a STATSGO database which is what I need

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Re:error determining the soil units for MUKEY...

Posted by karrez - 2010/02/16 18:40

my database is not empty, all necessary fields have data. I am using SSURGO, which i requested from the USDA Soil Datamart. i did however import data for 15 counties into one database (which we are supposed to be able to do). the imports all went off without a hitch, and everything LOOKS good, but i have concerns that my issue may have stemmed from this. However, of the nine MUKEY changes i have performed, seven have been in the same county, and two were in one other county.

If I'm not mistaken, for your STATSGO database you can use a SSURGO Access database template. try downloading this from the USDA Soil Datamart website.

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